

THE INFORMED ALASKANS INITIATIVE: *BRINGING PUBLIC HEALTH DATA TO ALL ALASKANS*

Section of Chronic Disease Prevention and Health Promotion
Andrea Fenaughty, Ph.D., Deputy Section Chief

Informed Alaskans Initiative

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- 2 web-based data dissemination systems
 - InstantAtlas Data Visualization Software
 - Health Maps
 - Launched June 6, 2012
 - Indicator-Based Information System for Public Health (IBIS-PH)
 - Query system
 - Indicator profiles
 - Launching Summer/Fall 2012

InstantAtlas

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- An interactive web-based system that combines statistics and map data to:
 - improve data visualization
 - enhance communication
 - engage people in more informed decision-making

Why InstantAtlas?

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- **Pros**

- Geographical
- Interactive
- Multimode: maps, charts, tables

- **Cons**

- Requires adequate sample within regions to display results (e.g., 50 for BRFSS)

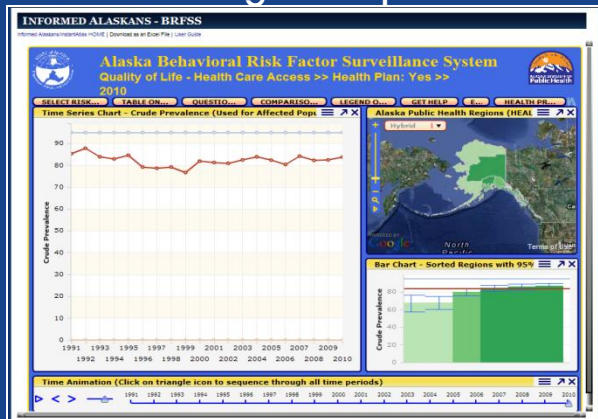
- **Data included**

- BRFSS right now—demonstrate feasibility and value
- Could be a vehicle for vital stats, hospital discharge, etc.

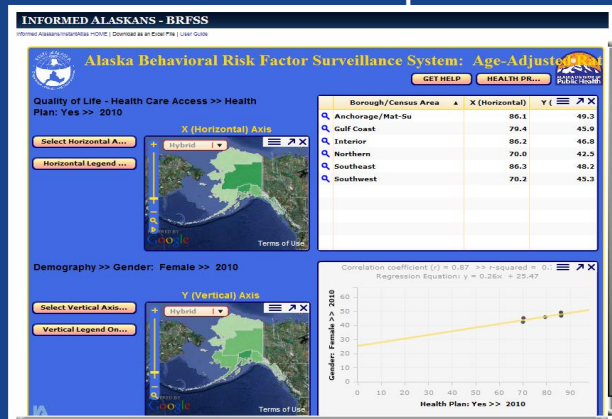
4 Templates

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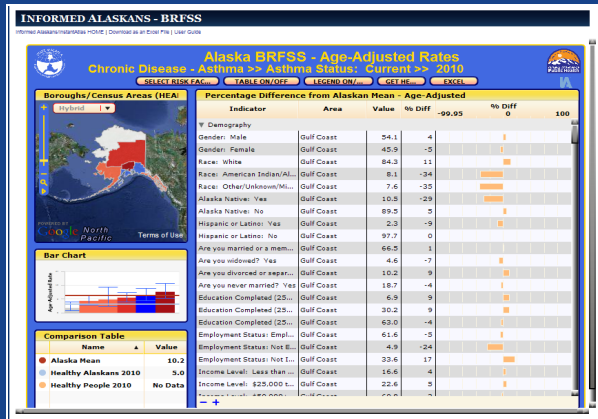
Single Map



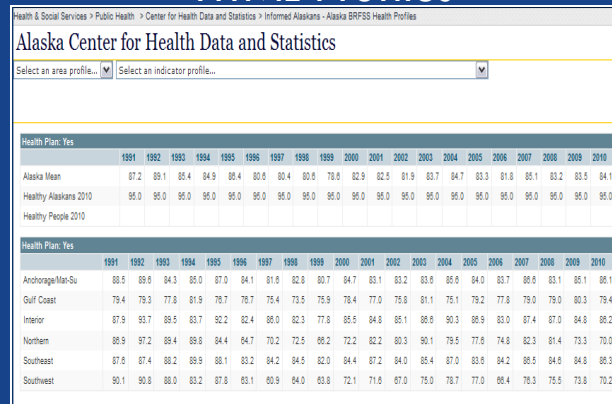
Double Map



Area Profile

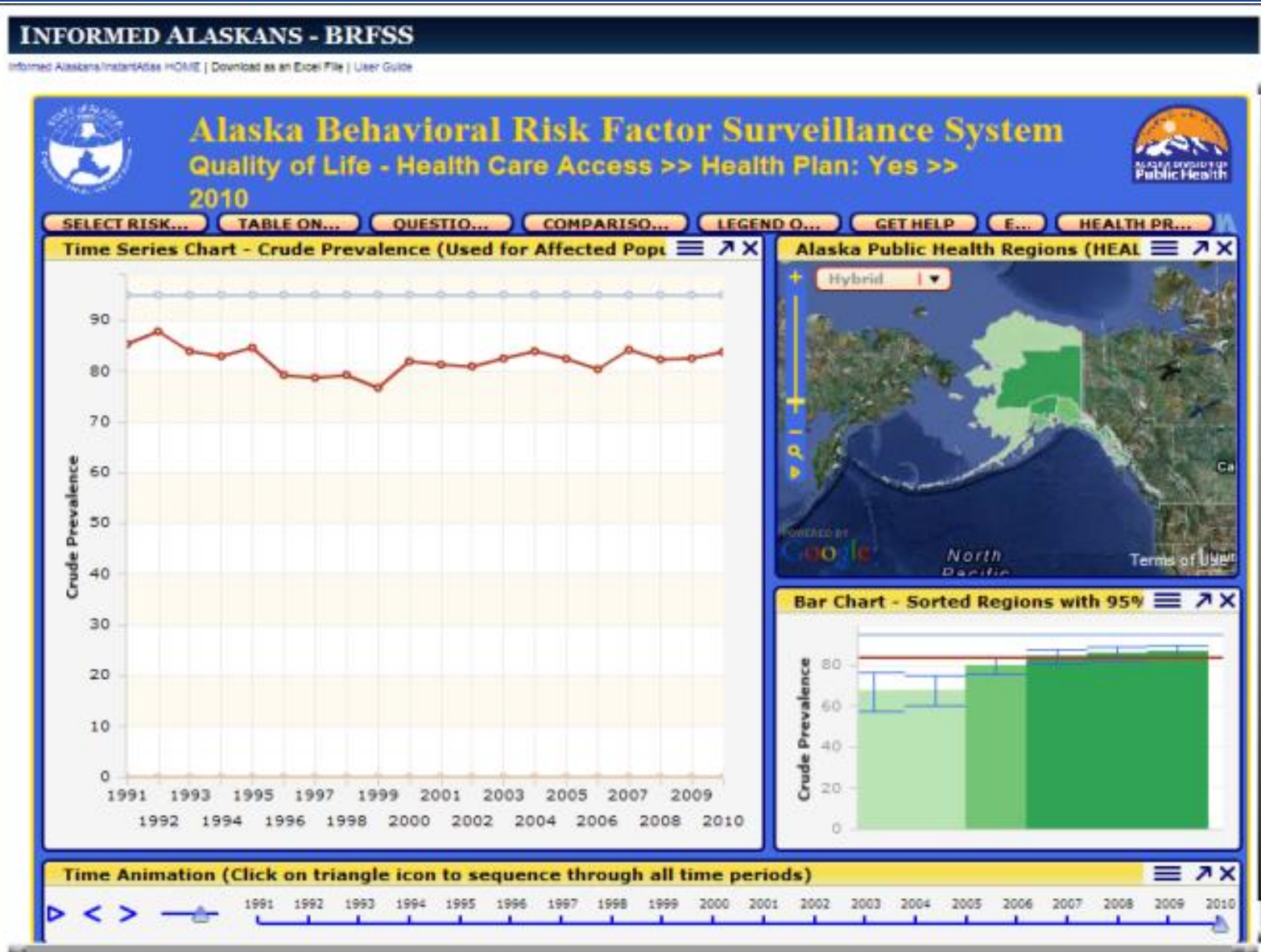


HTML Profiles



Single Map

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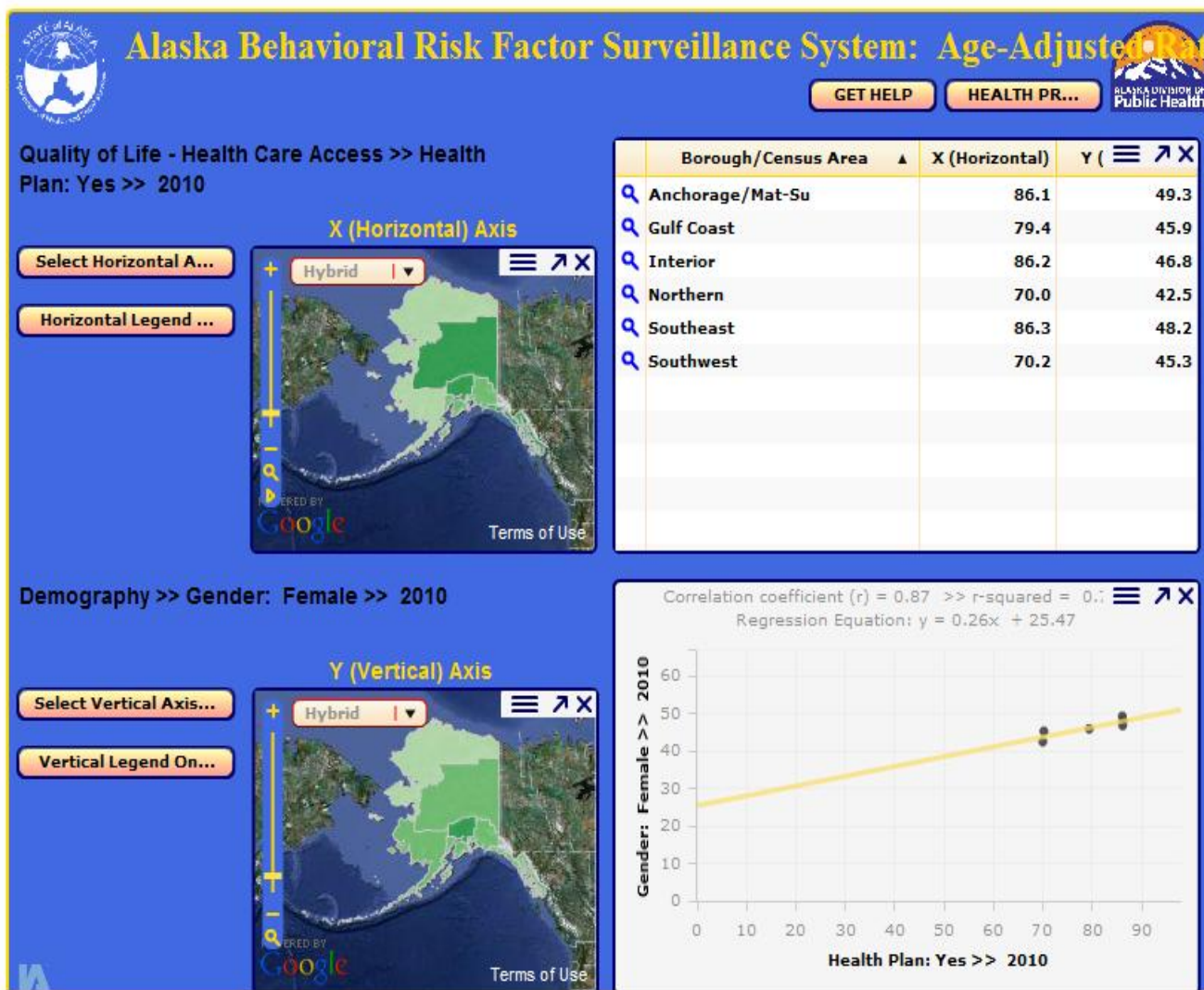


Double Map

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INFORMED ALASKANS - BRFSS

Informed Alaskans/InstantAtlas HOME | Download as an Excel File | User Guide

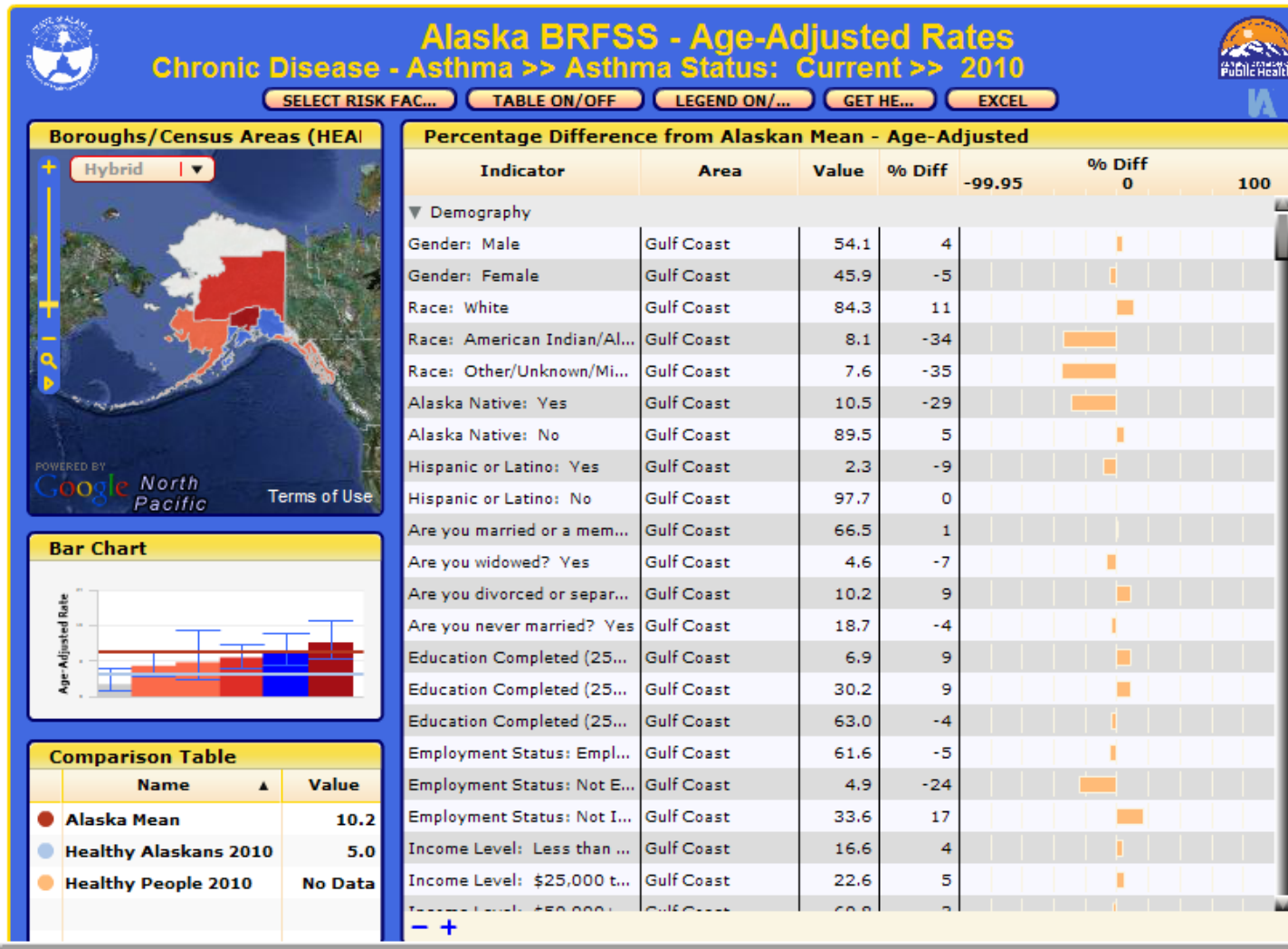


Area Profile

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HTML Data Tables

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Health & Social Services > Public Health > Center for Health Data and Statistics > Informed Alaskans - Alaska BRFSS Health Profiles

Alaska Center for Health Data and Statistics

Select an area profile... ▼ Select an indicator profile... ▼

Health Plan: Yes

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Alaska Mean	87.2	89.1	85.4	84.9	86.4	80.6	80.4	80.6	78.6	82.9	82.5	81.9	83.7	84.7	83.3	81.8	85.1	83.2	83.5	84.1
Healthy Alaskans 2010	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Healthy People 2010																				

Health Plan: Yes

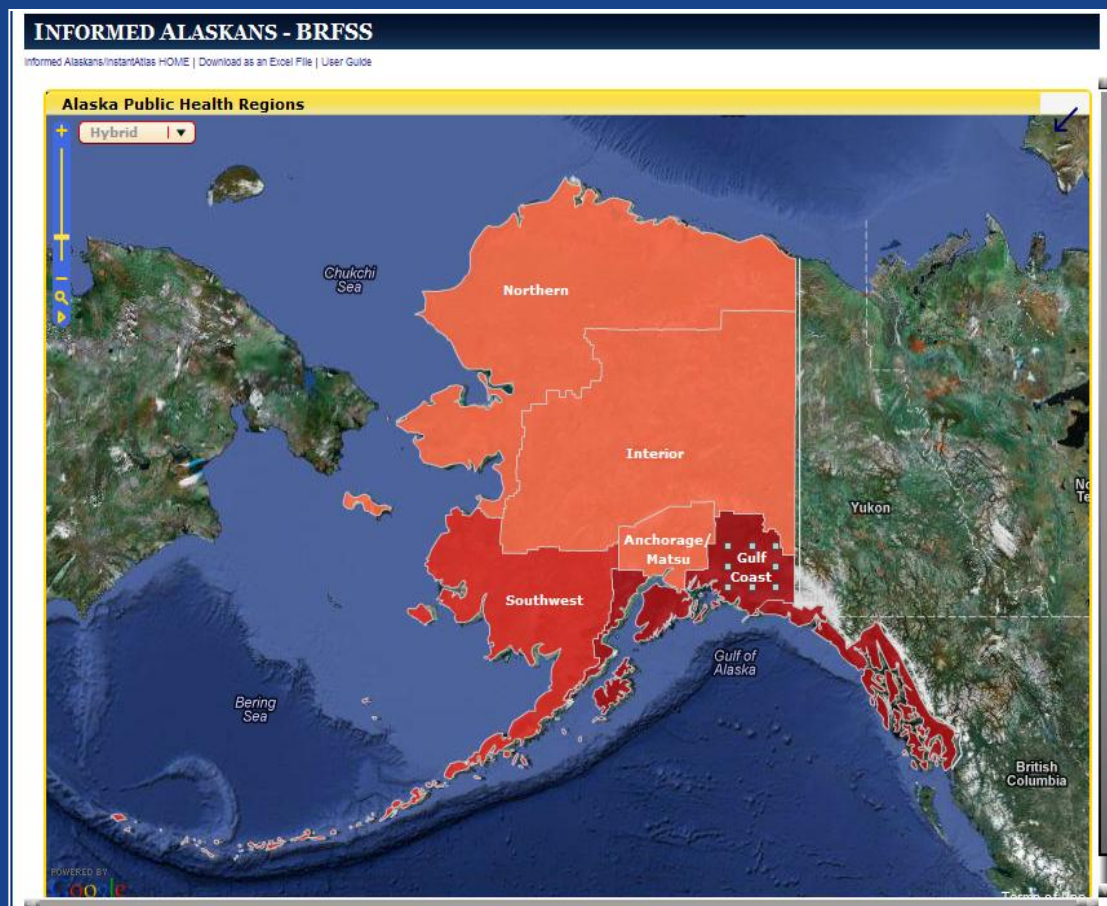
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Anchorage/Mat-Su	88.5	89.6	84.3	85.0	87.0	84.1	81.6	82.8	80.7	84.7	83.1	83.2	83.6	85.6	84.0	83.7	86.6	83.1	85.1	86.1
Gulf Coast	79.4	79.3	77.8	81.9	76.7	76.7	75.4	73.5	75.9	78.4	77.0	75.8	81.1	75.1	79.2	77.8	79.0	79.0	80.3	79.4
Interior	87.9	93.7	89.5	83.7	92.2	82.4	86.0	82.3	77.8	85.5	84.8	85.1	86.6	90.3	86.9	83.0	87.4	87.0	84.8	86.2
Northern	86.9	97.2	89.4	89.8	84.4	84.7	70.2	72.5	66.2	72.2	82.2	80.3	90.1	79.5	77.6	74.8	82.3	81.4	73.3	70.0
Southeast	87.6	87.4	88.2	89.9	88.1	83.2	84.2	84.5	82.0	84.4	87.2	84.0	85.4	87.0	83.6	84.2	86.5	84.6	84.8	86.3
Southwest	90.1	90.8	88.0	83.2	87.8	63.1	60.9	64.0	63.8	72.1	71.6	67.0	75.0	78.7	77.0	66.4	76.3	75.5	73.8	70.2

IA Geographic Stratum

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6 Public Health Regions

- Anchorage/Mat-Su
- Gulf Coast
- Interior
- Northern
- Southeast
- Southwest

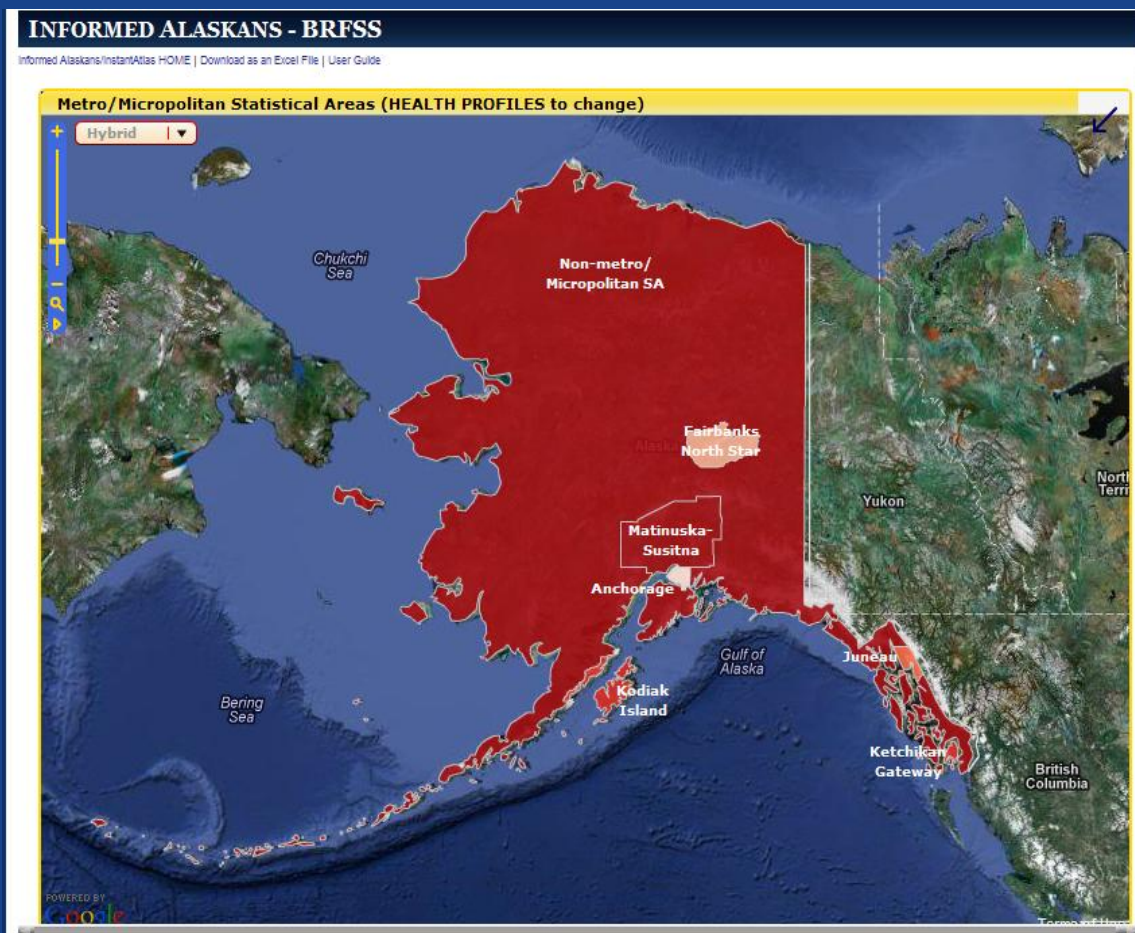


IA Geographic Stratum

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7 Metro/Micropolitan Statistical Areas

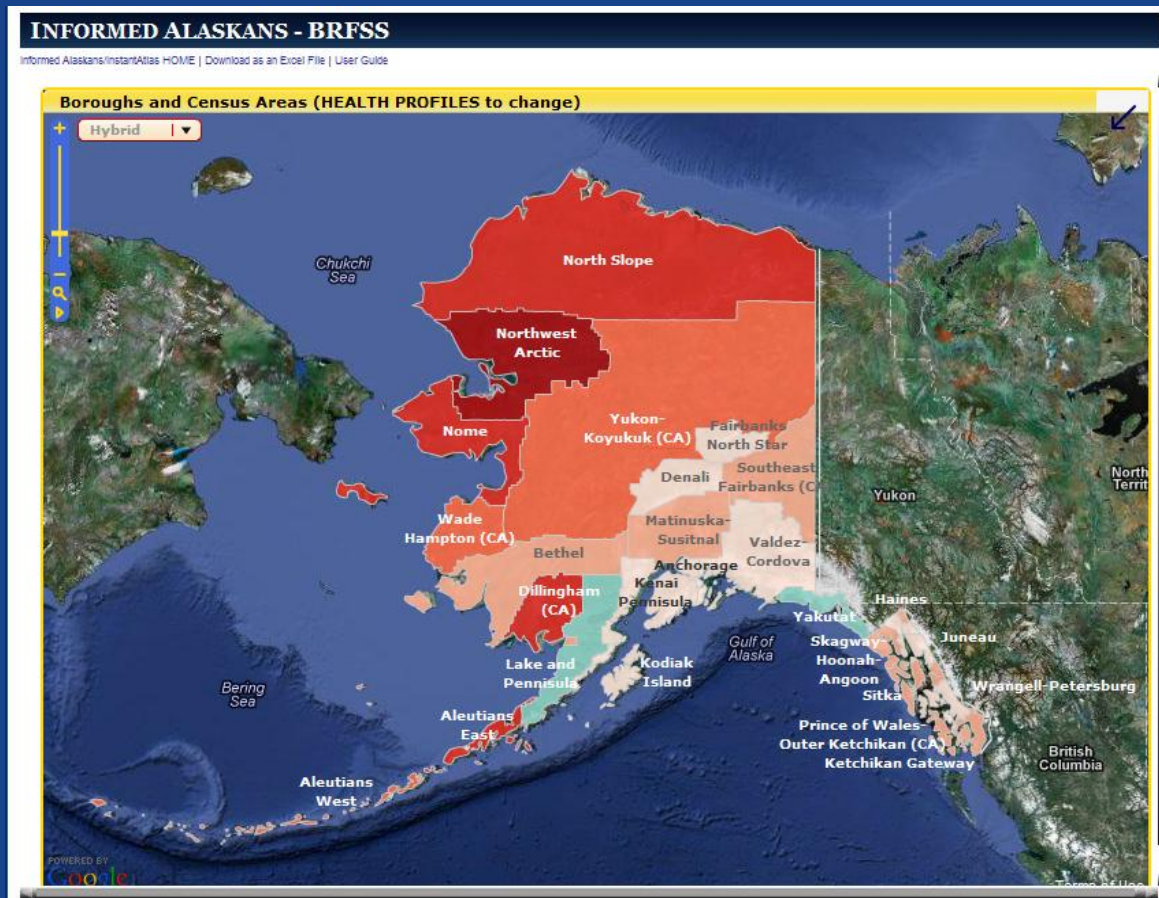
- Anchorage
- Mat-Su
- Fairbanks
- Juneau
- Kodiak
- Ketchikan
- Rural



IA Geographic Stratum

12

27 Boroughs/Census Areas

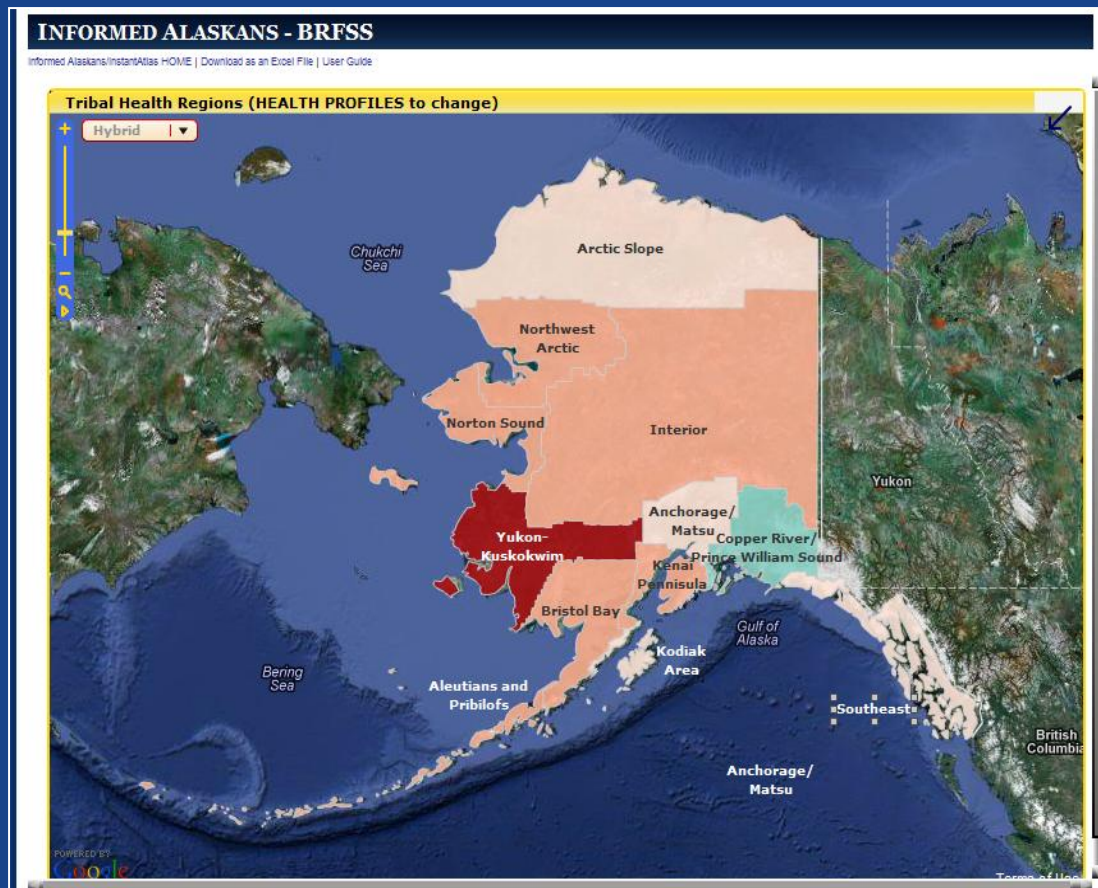


IA Geographic Stratum

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12 Tribal Health Regions

- Aleutians
- Anchorage/Mat-Su
- Arctic Slope
- Bristol Bay
- Copper River/PWS
- Interior
- Kenai Peninsula
- Kodiak Area
- Northwest Arctic
- Norton Sound
- Southeast
- Y-K



InstantAtlas Elements

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1. One or two maps
2. Data table for each map
3. Bar chart
4. Pie chart
5. Time series chart
6. Scatter plot (double map template)
7. Spine chart (area profile template)
 - % different from state mean

Currently in InstantAtlas

15

20 – Years of BRFSS Data: 1991-2010

46 – Unique Geographic Units

- 6 Public Health Regions

- 7 Metro/Micropolitan Statistical Areas

- 27 Boroughs/Census Areas

- 12 Tribal Health Regions

132 – Health Risk Factors

29 – Health Themes

226,680 Data points (time, geography, factor)

InstantAtlas Demo: Regional Burden of Obesity

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- ❑ Data Source: **BRFSS**
- ❑ Geography: **Public Health Regions**
- ❑ Template: **Single Map**
- ❑ Rates: **Crude Rates**
- ❑ Indicator: **Obesity**

InstantAtlas Demo

InstantAtlas: Next Steps

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- 132+ BRFSS variables, 1991-2011
- Trainings and technical assistance
 - Webinars
 - One-on-one assistance
 - Charles.Utermohle@Alaska.gov, 269-8030
 - Trainings and technical assistance
- Try it!
 - Google: *Informed Alaskans*

IBIS Status Update

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□ SFY 2012

□ IBIS demo at AK Health Summit

□ Indicator Profiles

- ready, not launched, pending security/IT
- **31** BRFSS
- YRBS and additional BRFSS in development

□ Query System

- ready, not launched, pending security/IT
- **31** BRFSS variables (1991-2010)
- **139** YRBS variables (1995, 2003, 2007, 2009, 2011)

IBIS Status Update (cont'd)

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- SFY 2013 (by December)
 - IBIS launched on Intranet and Internet
 - Indicator Profiles
 - 75 BRFSS + YRBS
 - Query System
 - ≈ 125 BRFSS variables (1991-2011)
 - ≈ 140 YRBS variables (1995, 2003, 2007, 2009, 2011)
 - ≈ 45 Cancer Registry variables (1996-2010)
 - ≈ 25 Trauma Registry variables (1991-2011)
 - Healthy Alaskans and Healthy People 2020 objectives

Thank You!

Contact Information:

Andrea Fenaughty, PhD

Andrea.Fenaughty@Alaska.gov

907-269-8025

Charles J. Utermohle, PhD

Charles.Utermohle@Alaska.gov

907-269-8030



Section of Chronic Disease Prevention and Health Promotion
Division of Public Health,
AK Department of Health & Social Services